

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-8199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the ONE choice below that best explains your request to the Board.

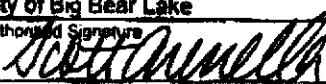
1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County		
City of Big Bear Lake	San Bernardino		
Authorized Signatory	Title		
	SR. ADMIN. ANALYST		
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Scott Arenella	9-20-01	909-866-5831	
Person Completing This Form (please print or type)	Title		
Affiliation:			
Mailing Address	City	State	ZIP Code
E-mail address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year: 1990	2. Proposed new generation-based study year: 1998
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion: THE DIVERSION PROGRAMS HAVE BEEN ON-GOING FOR SEVERAL YEARS.	

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. -48 %	Diversion rate calculated using new generation-based study	b. 56 %
For existing base year pounds/person/day based on generation	10.46	For new generation based study pounds/person/day based on generation	35.24
Residential generation 39.61 % Non-Residential generation 60.39 %		Residential generation 11% % Non-Residential generation 89% %	
Population existing generation-based study 5,351		Population new generation-based study 6,050	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

Current diversion is consistent with the City's programs, due to the nature of the community. Big Bear Lake's current programs and results may not be similar to what takes place in other cities, but this mountain community has several unique issues. Big Bear Lake experiences a high rate of tourism and second-home owners. Extensive road usage, combined with harsh weather conditions and increasing development, creates a large amount of asphalt and concrete waste. The City allows this recycled material to be used for base in all street construction projects. Big Bear Lake experiences a high volume of wood waste, due to extensive tree removal. This waste is no longer sent to any landfill, as fire wood and mulch are created. Tree stumps and roots are now recycled as well. Lake weeds are dredged and harvested for compost, as you saw in the pond area. These also create a unique situation for Big Bear Lake.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The most important reason for the large difference in diversion rates is due to the grossly understated 1990 original base year estimate. There are several reasons for this error. Primarily, the method of estimating the 1990 tonnages was a total guess based on aerial photos. When scales were actually used, the City's tonnages went up rapidly. Additionally, when breaking down the components of the waste stream, intermittent surveying was done. The problem with that is because Big Bear Lake's activities are so seasonal. Accurate tonnage figures for asphalt/concrete waste would have been impossible to get if it was surveyed for in any time other than summer. Furthermore, accurate 1990 figures would now be impossible to retrieve as the County did not keep records in 1990. The 1998 records are accurate and more closely reflect a current waste stream, generation, and diversion picture.

7. Disposal Tonnage: (enter values)	6859	Residential	10288	Total	17147
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Please select the ONE choice below that best explains your **disposal** data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmrb.ca.gov/gcentral/forms/rytnmdrq.doc>)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmrb.ca.gov/gcentral/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.
- *Please provide detailed Non-Residential waste information in Section 9.
- *Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.					
			Specific material type(s) (List operation w/multiple materials in one box)		Type of record and location of record
Diversion Activity	Actual tons	Relative Percent to Total Generation			
Please use the Board's program types The program type glossary is online at: http://www.ciwmrb.ca.gov/gcentral/part5/icode/reduce.htm	(A)	(#/Total Generation)			
Residential Activities:					
Backyard composting					
Grass recycling					
Other Residential source reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	0	0.0%			
Recycling					
Curbside Recycling					
	187	0.5%	aluminum, glass, tin, newsprint, corrugated cardboard, mixed paper, #1 and #2 plastics	N/A	Franchised hauler's report on file with City
Buyback centers					
	136	0.3%	aluminum, glass, tin, newsprint, corrugated cardboard, mixed paper, #1 and #2 plastics	N/A	DOC records and on file with City
Drop-off centers					
	359	0.9%	aluminum, glass, tin, newsprint, corrugated cardboard, mixed paper, #1 and #2 plastics	N/A	Franchised hauler's report on file with City

Diversion Activity	Actual Tons	Relative Percent to Total Generation	Specific material type(s) (list operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ci.columbus.gov/central/polis/codes/reduce.htm	(A)	(A/Total Generation)			
Other Residential recycling: (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	682	1.8%			
Composting					
Green waste drop-off					
Curbside green waste	6	0.0%	Christmas trees	N/A	Franchised hauler's report on file with City
Christmas Tree program					
Other Residential composting: (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	6	0.0%			
Subtotal Residential Diversion	688	1.8%			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits*				See Section 9	See Section 9
Other non-Residential source reduction: (list each program separately)					
Enter Program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	0	0.0%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwnmb.ca/glosscentral/pans/icode/reduce.htm	(A)	{At total Generation}			
Recycling					See Section 9
Non-Residential Waste Audits*	21070	54.2%			See Section 9
Other non-Residential recycling (list each program separately)					See Section 9
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	21070	54.2%			
Composting					See Section 9
Non-Residential Waste Audits*					See Section 9
Other non-Residential composting (list each program separately)					See Section 9
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	0	0.0%			
Subtotal Non-Residential Diversion	21070	54.2%			
Residential/Non- Residential Diversions Activities					
ADC					
Sludge					
Scrap metal					
Construction and demolition					
Landfill salvage					
Subtotal Residential/Non-Residential diversion	0	0.0%			
Total Res/Non-Ras Source Reduction Tons	0	0.0%			
Total Diversions Tons	21758	55.9%			
Total Disposal Tons from Sec.7	17147	44.1%			
Total Generation Tons (Div+Dis)	38905				
Diversion Rate		56%			

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept.).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Pull Down for Waste Types	Asphalt and concrete recycled in road construction	1992	15,000
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note : Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pull Down for Waste Types				

**City of Big Bear Lake
Attachment 9**

Generator	Business Type	Material Type	Diversion Activity	Tonnage Claim	Allowable Diversion
RB1	tree svc. demolition, and recycling	asphalt & concrete (A/C) wood	reused for road construction reuse as mulch & animal bedding	10,200 3,275	0 3,275
RB2	municipality	A/C	reused for road construction	500	500
RB2	municipality	soil	reuse as soil & in construction	2,427	2,427
RB3	construction co.	A/C	reused for road construction	40	0
RB3	"	soil	reuse in construction	200	0
RB4	"	asphalt/rock	reused for road construction	65	0
RB4	"	soil	reuse for soil	9,500	0
RB5	"	A/C	reused in road construction	1,200	0
RB6	"	A/C	reused in road construction	200	0
RB7	local agency	lake weeds	composting	1,800	0
RB8	construction co.	A/C	reused in road construction	14,500	14,500
RB9	grocer	organics, OCC, plastics, bones, fat	recycling	368	368
Total				44,275	21,070.00